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Bayer 5844- :ld
Le A 21 353 US Ge/CS/Ad

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Klaus Grohe, et al.
Serial No. : 614,923 Filed: May 29, 1984
Title : 7-AMINO-1-CYCLOPROPYL-4-OXO-1,4-DIHYDRO-
QUINOLINE-AND NAPHTHYRIDINE-3-CARBOXYLIC ACIDS
AND ANTIBACTERIAL AGENTS CONTAINING THESE COMPOUNDS
Patent No. : 4,670,444 Issued: June 2, 1987

October 26, 1987

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

REQUEST FOR CERTIFICATE OF CORRECTION 322

PATENT & TRADEMARK OFFICE
NOV 27 1987
CERTIFICATE OF CORRECTION

In accordance with the provisions of Rule 322 of the Rules of Practice which implement 35 USC 254, the Patent and Trademark Office is respectfully requested to issue a Certificate of Correction in the above-identified patent to correct material errors in the printed patent document.

The errors are listed below with reference to their occurrence in the application and correspond in order to the changes listed on the attached Form PTO-1050:

Col. 2, line 7	After "preferably 1" insert --or--
Col. 2, line 15	Delete "aryl" and substitute --aroyl--
Col. 2, lines 34-35	Correct spelling of --monosubstituted--
Col. 4, line 34	Delete "(IV)" and substitute --(VI)--
Col. 8, line 67	Delete "5-dichloro--"
Col. 9, line 8	Delete "(XIII)" and substitute --(XII)--
Col. 10, line 28	After "methyl" delete ":" and substitute -- --
Col. 13, line 34	Correct spelling of --sorbitol--
Col. 15, Table 1 con't, last column heading	Delete "(°C)" and substitute --(°C)--
Col. 15, Table 1 con't	Insert --306-- above "(hydrochloride)"
Ex. No. 7, last column	Delete Example Nos. "1 to 9" and substitute --11 to 19--
Col. 15, Table 1 con't	After "50" insert --ml--
Col. 18, line 10	Delete "hydrochloric" and substitute --hydrochloride--
Col. 18, line 17	Delete "purpose" and substitute --purposes--
Col. 20, line 1	

Col. 21, line 36

Delete "carboxylic" and substitute
--carbocyclic--

Col. 21, line 56

Before "alcohol" delete "a" and
substitute --the--

The Patent and Trademark Office evidently erred when these errors were made in the formal patent document since the text is correct in the application file.

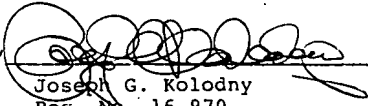
Since these mistakes are not obvious from the printed text, it is believed to be in order for the Patent and Trademark Office to issue a Certificate of Correction in accordance with the two copies of the enclosed Form PTO-1050 and to place such a Certificate of Correction in the file so that such will appear on any copies of the patent which are ordered in the future. Moreover, since these mistakes are those of the Patent and Trademark Office, such should be done without charge to the patentee.

It is respectfully requested that when the above-requested Certificate of Correction has been issued and entered in the file, that a certified copy of the Certificate of correction be duly returned to the below-listed attorneys for the patentee.

Respectfully submitted,

SPRUNG HORN KRAMER & WOODS

By


Joseph G. Kolodny
Reg. No. 16,970

600 Third Avenue
New York, N. Y. 10016

(212) 661-0520

105



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Klaus Grohe, et al.
Serial No. : 614,923 Filed: May 29, 1984
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Patent No. : 4,670,444 Issued: June 2, 1987

October 26, 1987

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

LETTER OF CORRECTION

S i r:


The following typographical errors were noted in the
printed patent deed of the above-identified patent:

Col. 2, line 17 and	Delete "an" and substitute --a--
Col. 21, line 48	
Col. 16, lines 58 to 63	Delete "(including prevention.... according to the invention"
Col. 22, line 42	Correct spelling of --piperazino--

It is not believed these errors warrant a Certificate of
Correction but it is respectfully requested that this letter be
entered into the file wrapper.

Respectfully submitted,
SPRUNG HORN KRAMER & WOODS

600 Third Avenue
New York, New York 10016
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103
By 
Joseph E. Kolodny
Reg. No. 16,970

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Here
Only!

PRINTER'S TRIM LINE

Page 1 of 2

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 4,670,444
DATED : June 2, 1987
INVENTOR(S) : Klaus Grohe, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 2, line 7	After "preferably 1" insert --or--
Col. 2, line 15	Delete "aryl" and substitute --aroyl--
Col. 2, lines 34-35	Correct spelling of --monosubsti- tuted--
Col. 4, line 34	Delete "(IV)" and substitute --(VI)--
Col. 8, line 67	Delete "5-dichloro--"
Col. 9, line 8	Delete "(XIII)" and substitute --(XII)--
Col. 10, line 28	After "methyl" delete ":" and substitute --
Col. 13, line 34	Correct spelling of --sorbitol
Col. 15, Table 1 con't, last column heading	Delete "(36)" and substitute --(°C)--
Col. 15, Table 1 con't Ex. No. 7, last column	Insert --306-- above "(hydro- chloride)"
Col. 15, Table 1 con't	Delete Example Nos. "1 to 9" and substitute --11 to 19--
Col. 18, line 10	After "50" insert --ml--
Col. 18, line 17	Delete "hydrochloric" and sub- stitute --hydrochloride--
Col. 20, line 1	Delete "purpose" and substitute --purposes--

MAILING ADDRESS OF SENDER:

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New York, New York 10016

PATENT NO. 4,670,444

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PRINTER'S TRIM

Page 2 2

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 4,670,444

DATED : June 2, 1987

INVENTOR(S) : Klaus Grohe, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 21, line 36

Delete "carboxylic" and substitute
--carbocyclic--

Col. 21, line 56

Before "alcohol" delete "a" and
substitute --the--

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PATENT NO. 4,670,444

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 4,670,657

DATED : June 2, 1987

INVENTOR(S) : HAWMAN, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- Column 1, line 7: change "fucussing" to --focussing--;
Column 1, line 44: change "is" to --in--;
Column 1, line 45: change "callimator" to --collimator--.
Column 2, line 49: "14" (second occurrence) should be in a standard typeface, not a bold typeface;
Column 2, line 50: change "sensivity" to --sensitivity--;
Column 2, line 65: "41" should be in a standard typeface, not a bold typeface.
Column 3, line 18: change "fram" to --frame--.
Column 4, formula (2); The integral sign \int is missing between the limits of negative and positive infinity.
Claim 5, line 1: change "collimatro" to --collimator--.
Claim 5, line 2: change "collimator" to --collimates--.

Signed and Sealed this
Fifteenth Day of March, 1988

Attest:

DONALD J. QUIGG

Attesting Officer

Commissioner of Patents and Trademarks

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 4,670,444

Page 2 of 2

DATED : June 2, 1987

INVENTOR(S) : Klaus Grohe, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 21, line 36

Delete "carboxylic" and substitute
--carbocyclic--

Col. 21, line 56

Before "alcohol" delete "a" and
substitute --the--

Signed and Sealed this
Fifteenth Day of March, 1988

Attest:

DONALD J. QUIGG

Attesting Officer

Commissioner of Patents and Trademarks